## What is claimed is:

1. A method of concealing an error in a frame of a video sequence, the video sequence comprising at least a first scene and a second scene, the second scene having a scene transition from the first scene, wherein the scene transition comprises a number of frames and the scene transition is one of a number of types, said method comprising:

identifying the type of scene transition; and

applying an error concealment procedure to conceal an error in a frame belonging to the transition based on the identified type of scene transition.

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- 2. A method according to claim 1, wherein the identified type of scene transition is a scene cut.
- 3. A method according to claim 2, wherein if a whole picture belonging to the scene cut is lost, the lost picture is not concealed.
  - 4. A method according to claim 2, wherein if part of a picture belonging to the scene cut is lost or corrupted, a spatial error concealment algorithm is applied to conceal the lost or corrupted part of the picture.

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- 5. A method according to claim 1, wherein the identified type of scene transition is a gradual scene transition.
- 6. A method according to claim 5, wherein the scene transition is a fade.

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- 7. A method according to claim 5, wherein the scene transition is a dissolve.
- 8. A method according to claim 5, wherein the scene transition is a wipe.
- 30 9. A method according to claim 5, wherein if a whole picture belonging to the gradual transition is lost or corrupted, a spatio-temporal error concealment algorithm is applied to conceal the lost or corrupted part of the picture.

10. A method according to claim 5, wherein if part of a picture belonging to the gradual transition is lost or corrupted, a spatio-temporal error concealment algorithm is applied to conceal the lost or corrupted part of the picture.

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11. A method according to claim 1, wherein information indicative of the identified scene transition is provided to a decoder in a supplemental enhancement information message so as to allow the decoder to conceal the error based on said information.

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12. A method according to claim 11, wherein said information indicative of the identified scene transition includes an indication of a scene transition type.

13. A method according to claim 11, wherein said information indicative of the identified scene transition is provided for each frame belonging to the transition.

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14. A video coding device for encoding a video sequence into a data stream, the video sequence comprising at least a first scene and a second scene and having a scene transition from the first scene, wherein the scene transition comprises a number of frames and the scene transition is one of a number of types, said video coding device comprising:

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means for identifying frames associated with the transition; means for providing information about the type of transition.

15. A video coding device according to claim 14, wherein said information is provided in a supplemental enhancement information message.

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16. A video coding device according to claim 15, wherein said information is provided for each frame belonging to the transition.

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17. A video decoding device for decoding a video sequence from a data stream, the video sequence comprising at least a first scene and a second scene and having a scene transition from the first scene, wherein the scene transition comprises a number of frames and the scene transition is one of a number of types, said video coding device comprising:

means for receiving the data stream; and an error concealment algorithm for concealing an error in a frame belonging to the transition based on the type of scene transition.

- 5 18. A video decoding device according to claim 17, wherein the type of scene transition is indicated in a supplemental enhancement information provided to the video coding device.
  - 19. A video decoding device according to claim 17, wherein the type of scene transition is a gradual scene transition and a whole picture belonging to the gradual scene transition is lost or corrupted, said error concealment algorithm comprising a spatio-temporal error concealment algorithm for concealing the lost or corrupted picture.

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- 20. A video decoding device according to claim 17, wherein the type of scene transition is a gradual scene transition and a part of a picture belonging to the gradual scene transition is lost or corrupted, said error concealment algorithm comprising a spatio-temporal error concealment algorithm for concealing the lost or corrupted part of the picture.
- 21. A video decoding device according to claim 17, wherein the type of scene transition is a scene cut and a part of a picture belonging to the scene cut is lost or corrupted, said error concealment algorithm comprising a spatial error concealment algorithm for concealing error in the picture.
- 22. A video decoding device according to claim 17, wherein the type of scene transition is a scene cut and a whole picture belonging to the scene cut is lost or corrupted, said error concealment algorithm adapted to ignore the lost or corrupted picture.